Appendix A

1.   (Modified) An apparatus comprising:

a network circuit to couple to a local area network (LAN) through a transmission line;

a modem to couple to a wide area network (WAN) through the transmission line;

a digital-to-analog (D/A) converter to couple to a telephone network through the transmission line;

a radio transceiver coupled to the network circuit, the modem and the D/A converter, the radio transceiver to receive a service discovery request based on a BLUETOOTH^{TM} standard from a wireless communication device, to establish a connection to the wireless communication device, to receive wireless communication data from the wireless communication device and to route the wireless communication data through the D/A converter across the telephone network where the wireless communication data is received through a cordless telephony connection, to route the wireless communication data to the WAN through the modem where the wireless communication data is received through a dial-up network connection, to route the wireless communication data to the LAN through the network circuit where the wireless communication data is received through a network access connection.

2.   (Modified) The apparatus of claim 1, wherein the wireless communication data received by the radio transceiver is based on a BLUETOOTH^{TM} standard, and wherein the radio transceiver is a BLUETOOTH^{TM} access device for receiving the wireless communication data from the wireless communication device.

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3.   (Original) The apparatus of claim 1, wherein the transmission line is a Plain Old
Telephone Service line.

4.   (Original) The apparatus of claim 1, the wireless communications data is
received from a group consisting of a mobile telephone, a mobile computer, and a
personal digital assistant.

5.   (Previously Presented) The apparatus of claim 1, wherein the wireless
communications data is routed to the D/A converter when the wireless communications
data is voice data, wherein the voice data includes data received from the cordless
telephony connection.

6.   (Original) The apparatus of claim 1, wherein the wireless communications data is
routed to the modem when the wireless communications data is data being routed to the
Internet.

7.   (Modified) An apparatus comprising:

        a network circuit to couple to a transmission line, the network circuit to transmit
at a first frequency range on the transmission line;

        a modem to couple to a wide area network (WAN) through the transmission line,
the modem to transmit at a second frequency range on the transmission line;

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a digital/analog (D/A) converter to couple to a telephone network through the transmission line, the D/A converter to transmit at the second frequency range on the transmission line; and

a radio transceiver to receive a service discovery request from at least one wireless communication device, to establish a connection to the at least one wireless communication device, to receive wireless communication data based on a BLUETOOTH™ standard from the at least one wireless communication device, to route the wireless communication data through the D/A converter across the telephone network where the wireless communication data is received through a cordless telephony connection, to route the wireless communication data to the WAN through the modem where the wireless communication data is received through a dial-up network connection, to route the wireless communication data to the LAN through the network circuit where the wireless communication data is received through a network access connection.

8.   (Original) The apparatus of claim 7, wherein the LAN is located in a residential home.

9.   (Original) The apparatus of claim 7, wherein the transmission line is a Plain Old Telephone Service line.

10.   (Original) The apparatus of claim 9, wherein the apparatus is coupled through a RJ-11 socket to the POTS line.

11.   (Previously Presented) The apparatus of claim 9, wherein the wireless

communication data is routed to the D/A converter when the wireless communication

data includes voice data, wherein the voice data includes data received from the cordless

telephony connection.

12.   (Original) The apparatus of claim 9, wherein the wireless communication data is

routed to the modem when the wireless communication data is data being routed to

devices coupled to the WAN.

13.   (Original) The apparatus of claim 9, wherein the wireless communication data is

routed to the network circuit when the wireless communication data is data being routed

to devices coupled to the LAN.

14.   (Modified) A system comprising:

        a processing unit;

        a memory;

        a network circuit coupled to the processing unit and the memory;

        a filter coupled to the network circuit, the filter to couple to a local area network

(LAN) through a transmission line;

        a modem coupled to the processing unit and the memory, the modem to couple to

a wide area network (WAN) through the transmission line;

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a digital-to-analog (D/A) converter coupled to the processing unit and the

memory, the D/A converter to couple to a telephone network through the transmission

line;

a radio transceiver coupled to processing unit, the memory, the network circuit,

the modem and the D/A converter, the radio transceiver to receive a service discovery

request based on a BLUETOOTH^{TM} standard from a wireless communication device, to

establish a connection to the wireless communication device, to receive wireless

communication data and to route the wireless communication data through the D/A

converter across the telephone network where the wireless communication data is

received through a cordless telephony connection, to route the wireless communication

data to the WAN through the modem where the wireless communication data is received

through a dial-up network connection, to route the wireless communication data to the

LAN through the network circuit where the wireless communication data is received

through a network access connection.

15.   (Modified) The system of claim 14, wherein the wireless communication data

received by the radio transceiver is based on a BLUETOOTH^{TM} standard.

16.   (Original) The system of claim 14, wherein the transmission line is a Plain Old

Telephone Service line.

17.   (Modified) A method comprising:

receiving a service discovery request based on a BLUETOOTH^{TM} standard from

at least one wireless communication device;

connecting to the at least one wireless communication device;

receiving wireless communication data from the at least one wireless

communication device; and

routing the wireless communication data to at least two devices coupled to at least

two different networks.

18.   (Original) The method of claim 17, wherein the routing is based on connections

between the at least one wireless communication device and the at least two devices.

19.   (Cancelled)

20.   (Previously Presented) A method comprising:

receiving a service discovery request from at least one wireless communication

device;

connecting to the wireless communication device;

receiving wireless communication data from the at least one wireless

communication device;

formatting the wireless communication data into analog data at a first frequency

range upon determining the wireless communication data is for a cordless telephony

service;

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formatting the wireless communication data into analog data at the first frequency

range upon determining the wireless communication data is for a dial-up network service;

formatting the wireless communication data into network data packets at a second

frequency range upon determining the wireless communication data is for a network

access service; and

transmitting the analog data at the first frequency range and the network data

packets at the second frequency range to a number of devices on a number of networks.

21. – 22.   (Cancelled)

23.   (Modified) A machine-readable medium that provides instructions, which when

executed by a machine, cause said machine to perform operations comprising:

receiving a service discovery request based on a BLUETOOTH™ standard from

at least one wireless communication device;

connecting to the wireless communication device;

receiving wireless communication data from the at least one wireless

communication device; and

routing the wireless communication to at least two devices coupled to at least two

different networks.

24.   (Original) The machine-readable medium of claim 23, wherein the routing is

based on connections between the at least one wireless communication device and the at

least two devices.

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25.   (Cancelled)

26.   (Previously Presented) A machine-readable medium that provides instructions,

which when executed by a machine, cause said machine to perform operations

comprising:

     receiving a service discovery request from at least one wireless communication

device;

     connecting to the wireless communication device;

     receiving wireless communication data from the at least one wireless

communication device;

     formatting the wireless communication data into analog data at a first frequency

range upon determining the wireless communication data is for a cordless telephony

service;

     formatting the wireless communication data into analog data at the first frequency

range upon determining the wireless communication data is for a dial-up network service;

     formatting the wireless communication data into network data packets at a second

frequency range upon determining the wireless communication data is for a network

access service; and

     transmitting the analog data at the first frequency range and the network data

packets at the second frequency range to a number of devices on a number of networks.

27. – 28.   (Cancelled)